

FIG. 1

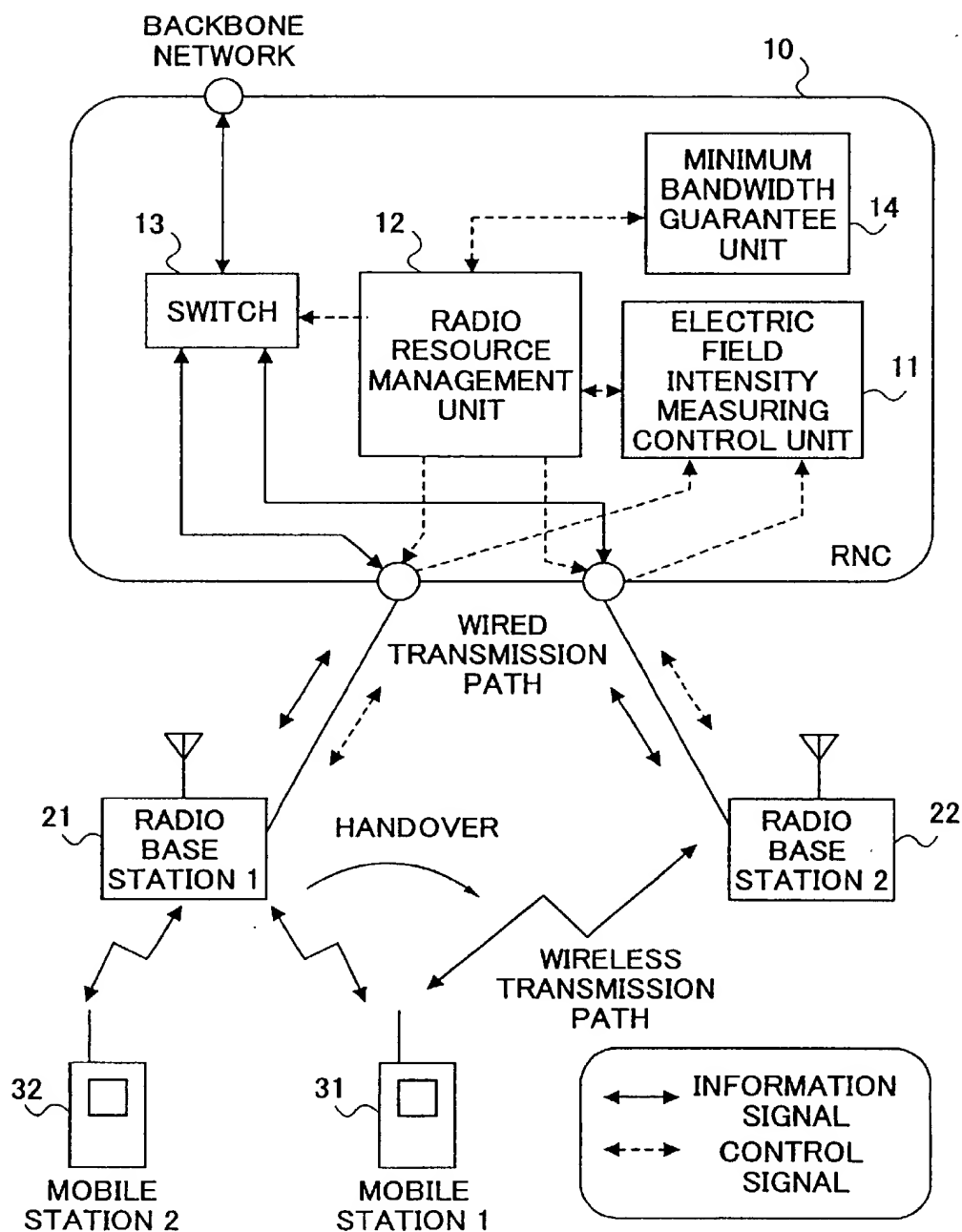


FIG.2

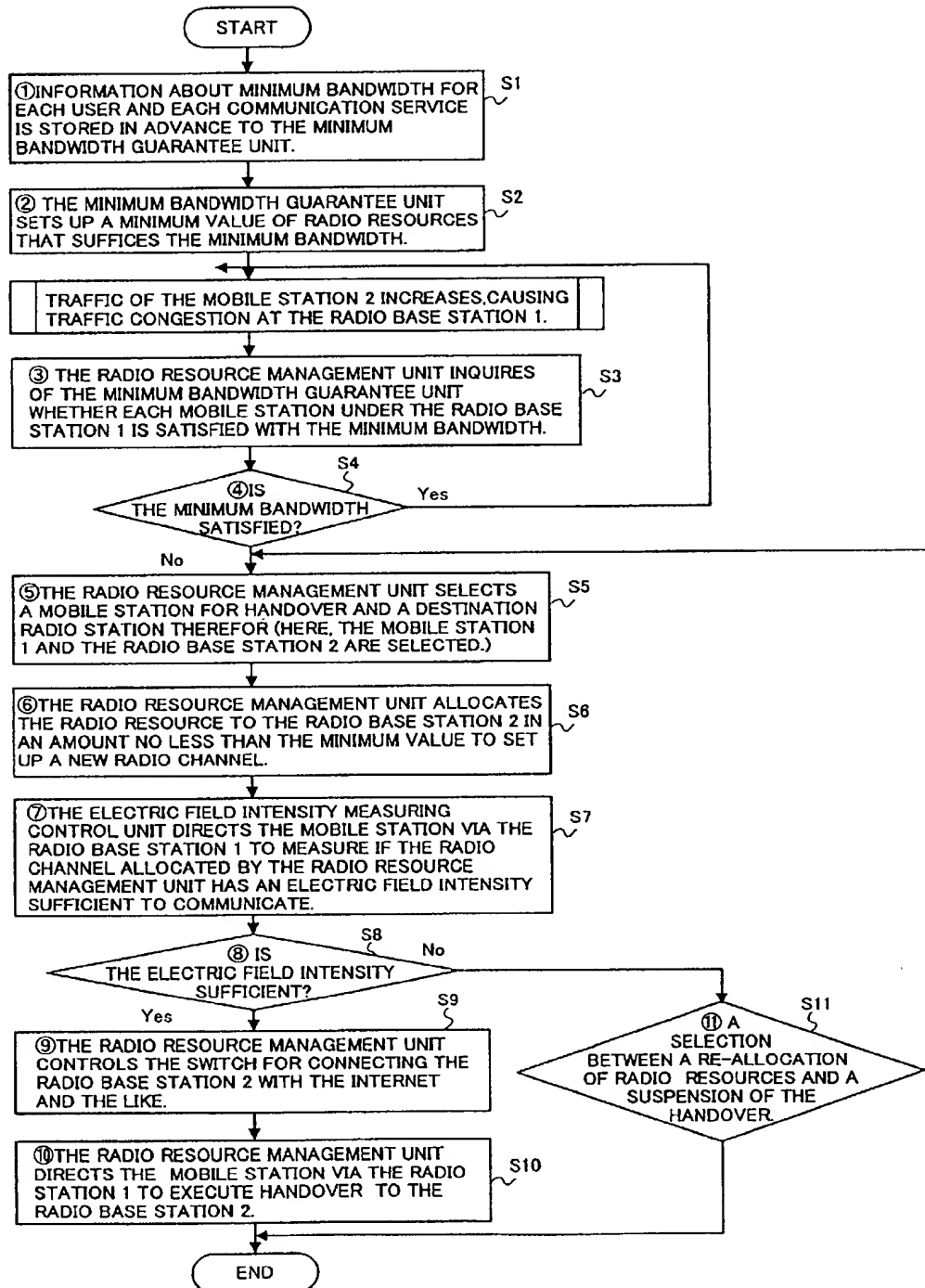


FIG.3

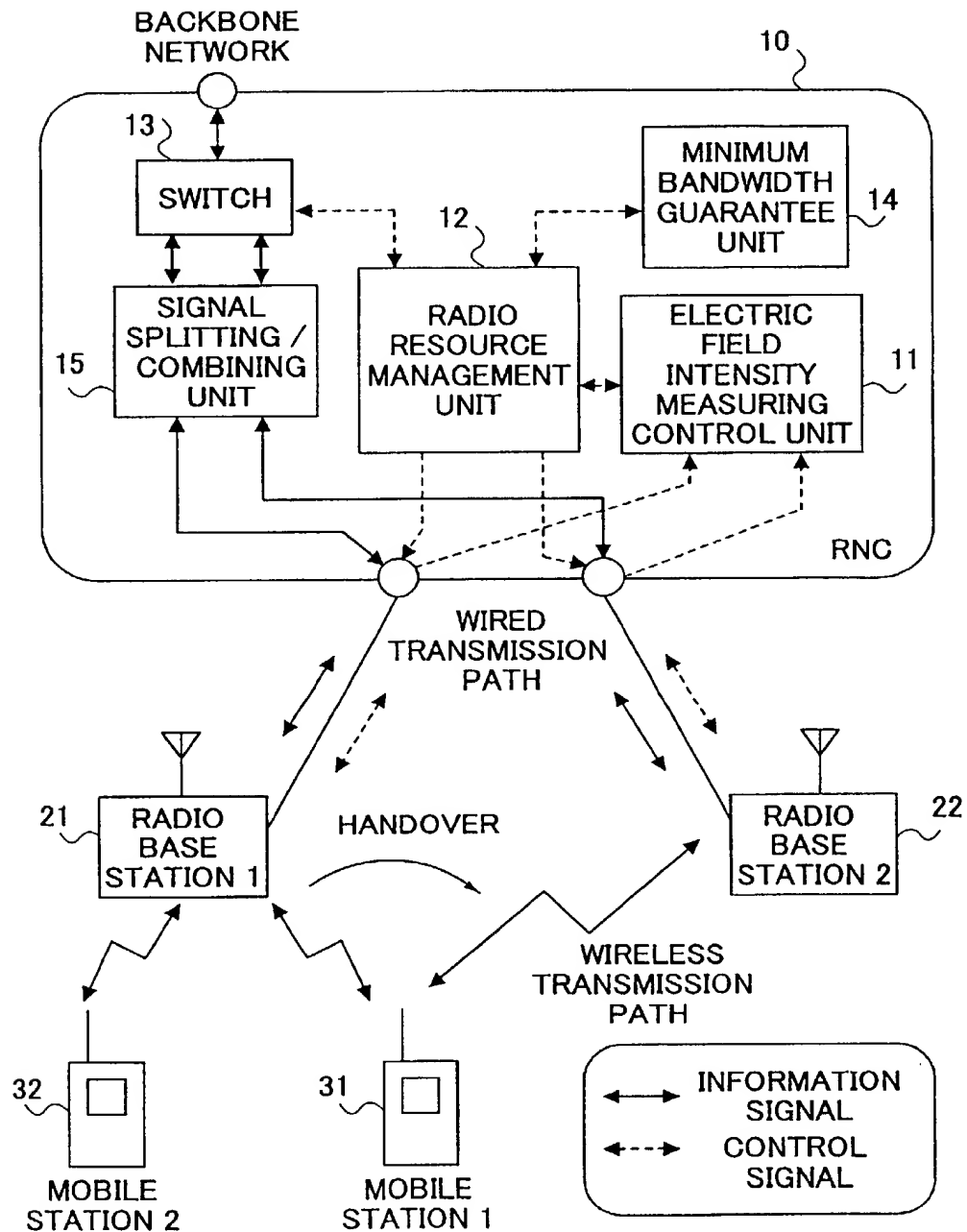


FIG.4

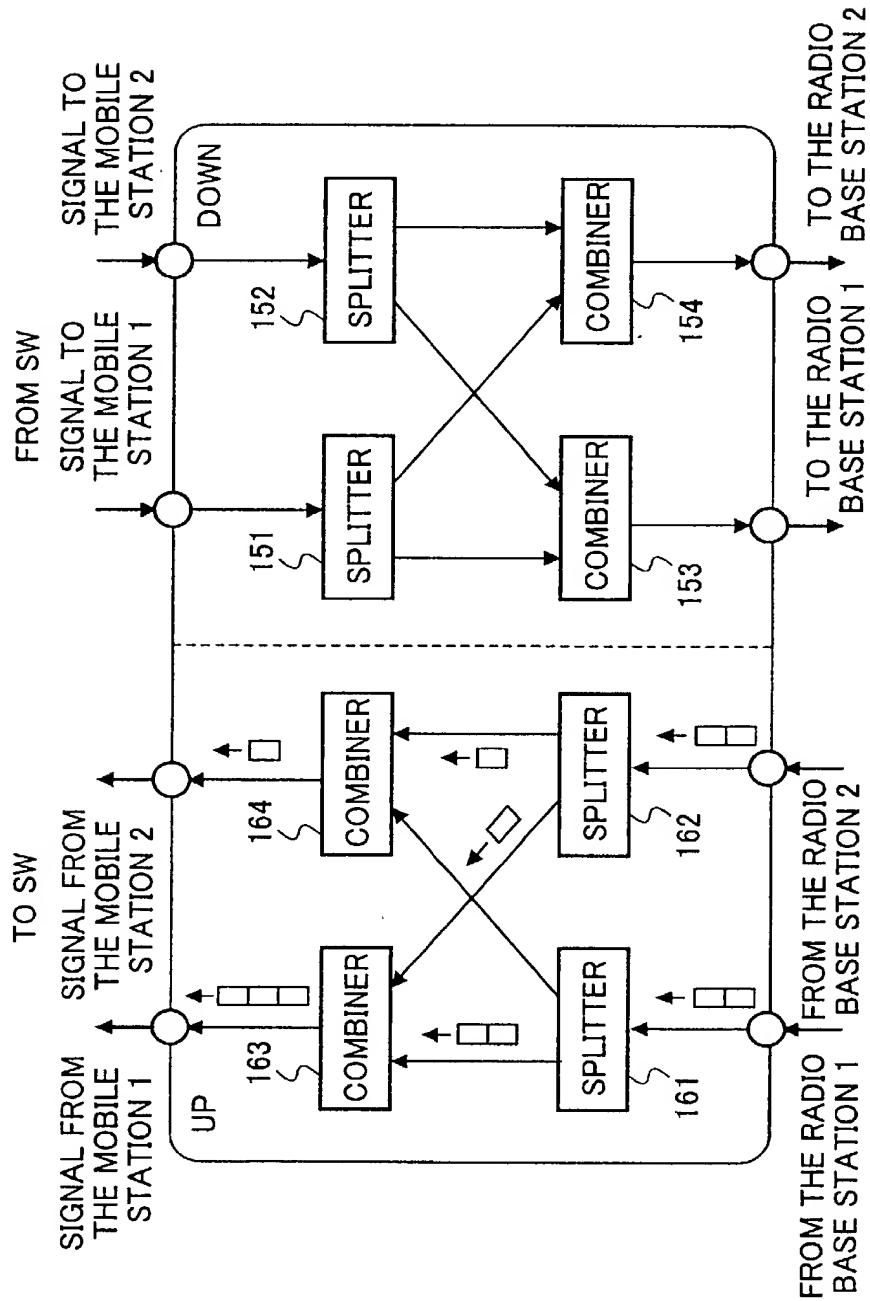


FIG.5

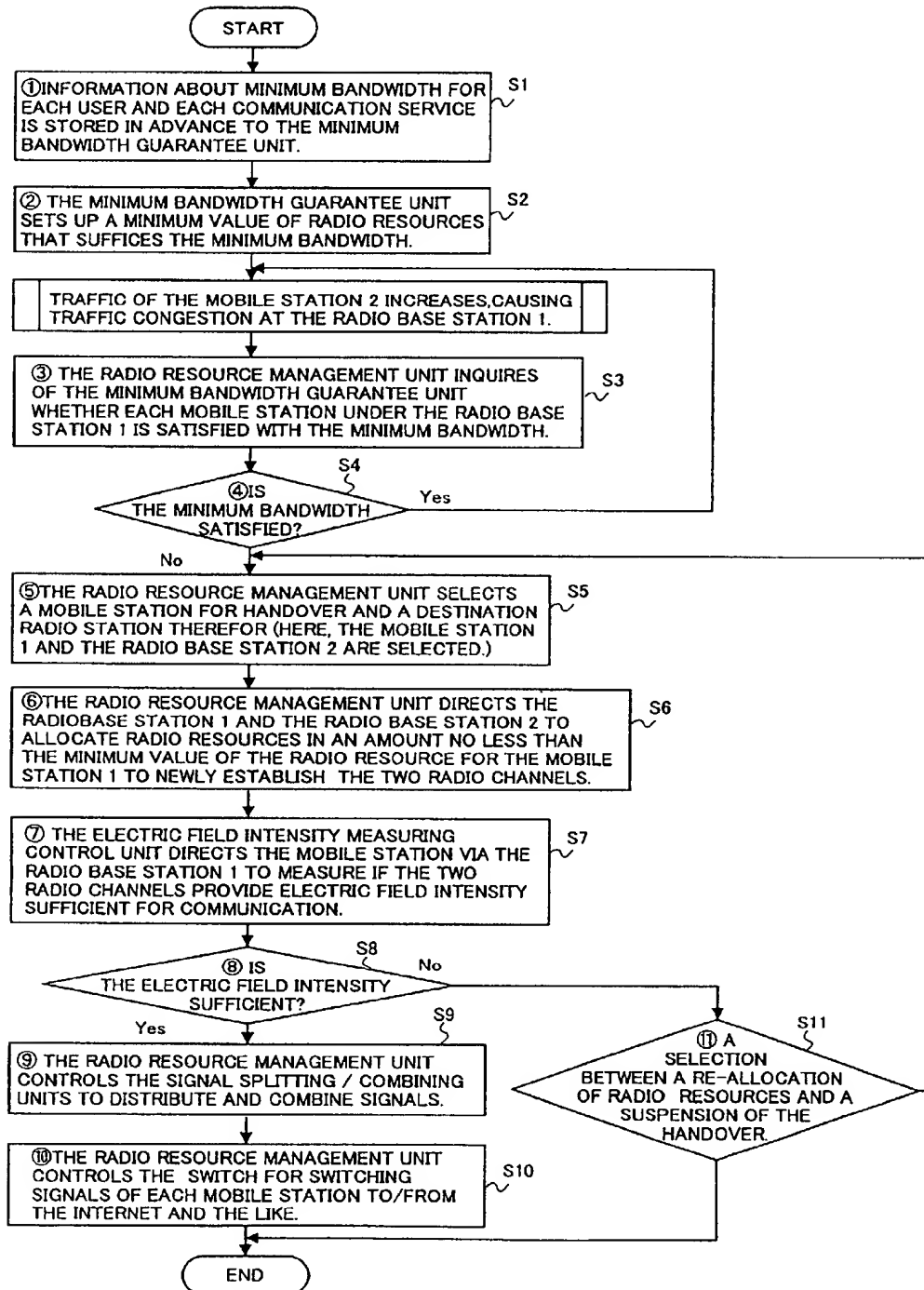


FIG. 6

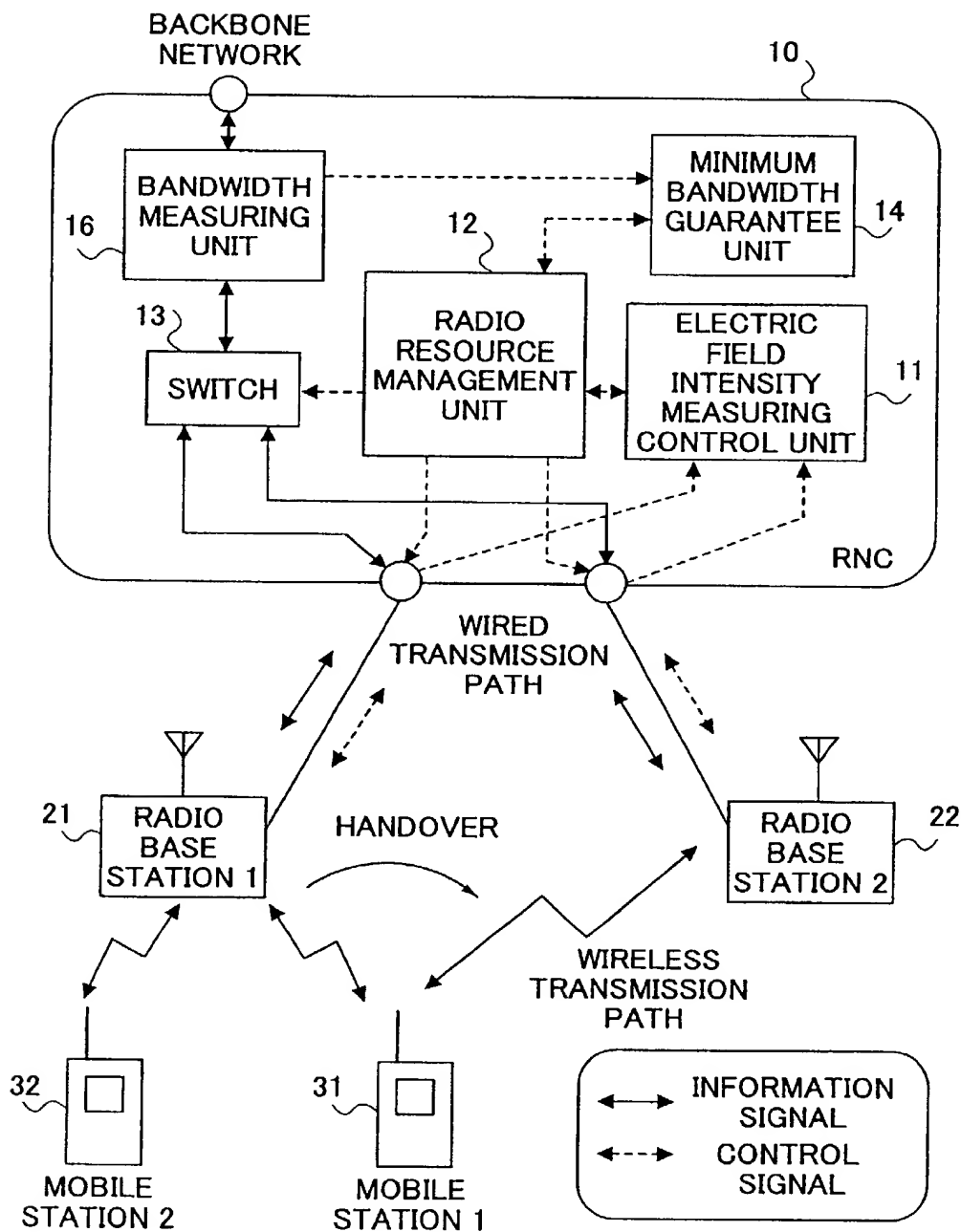


FIG. 7

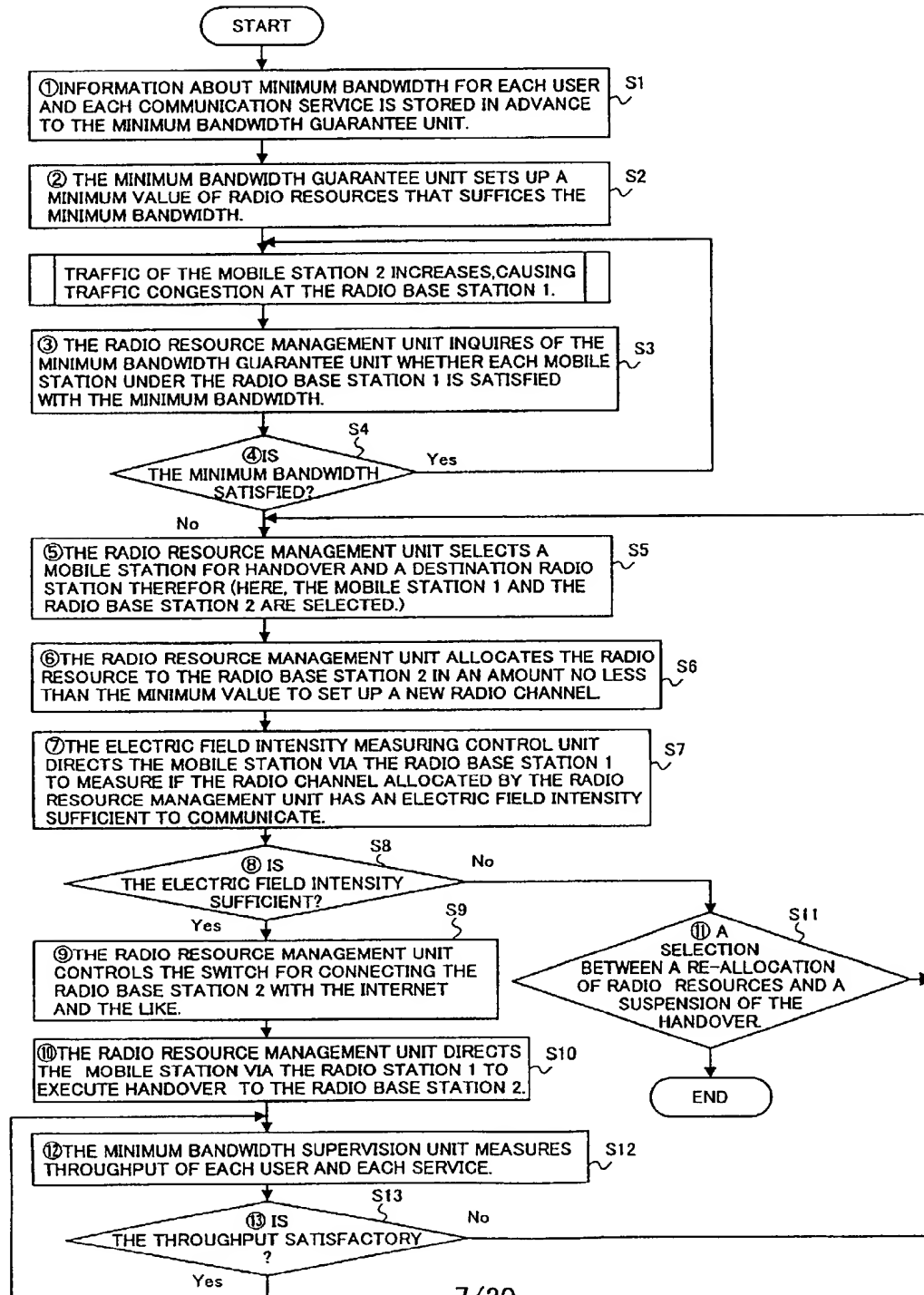


FIG. 8

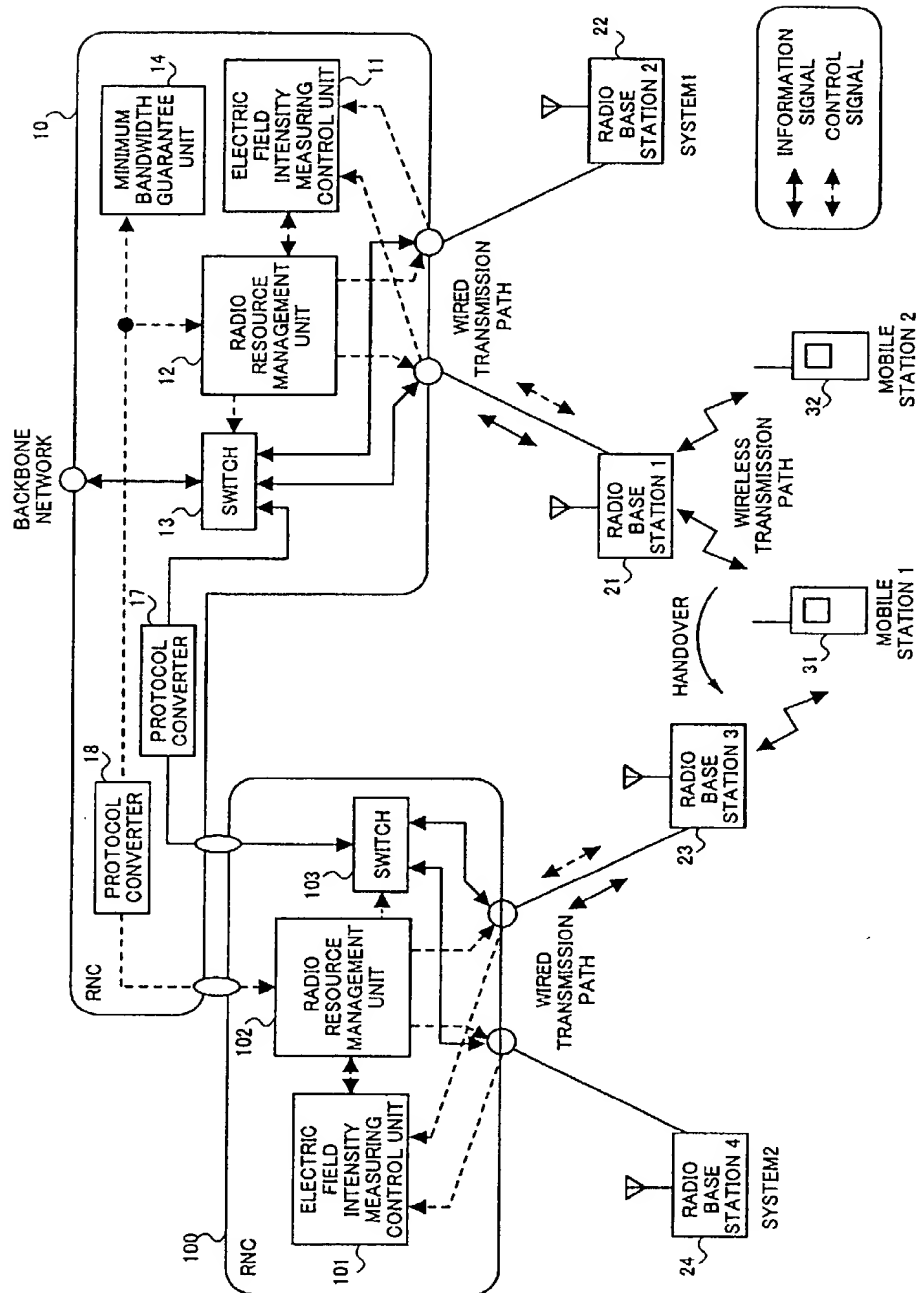


FIG.9

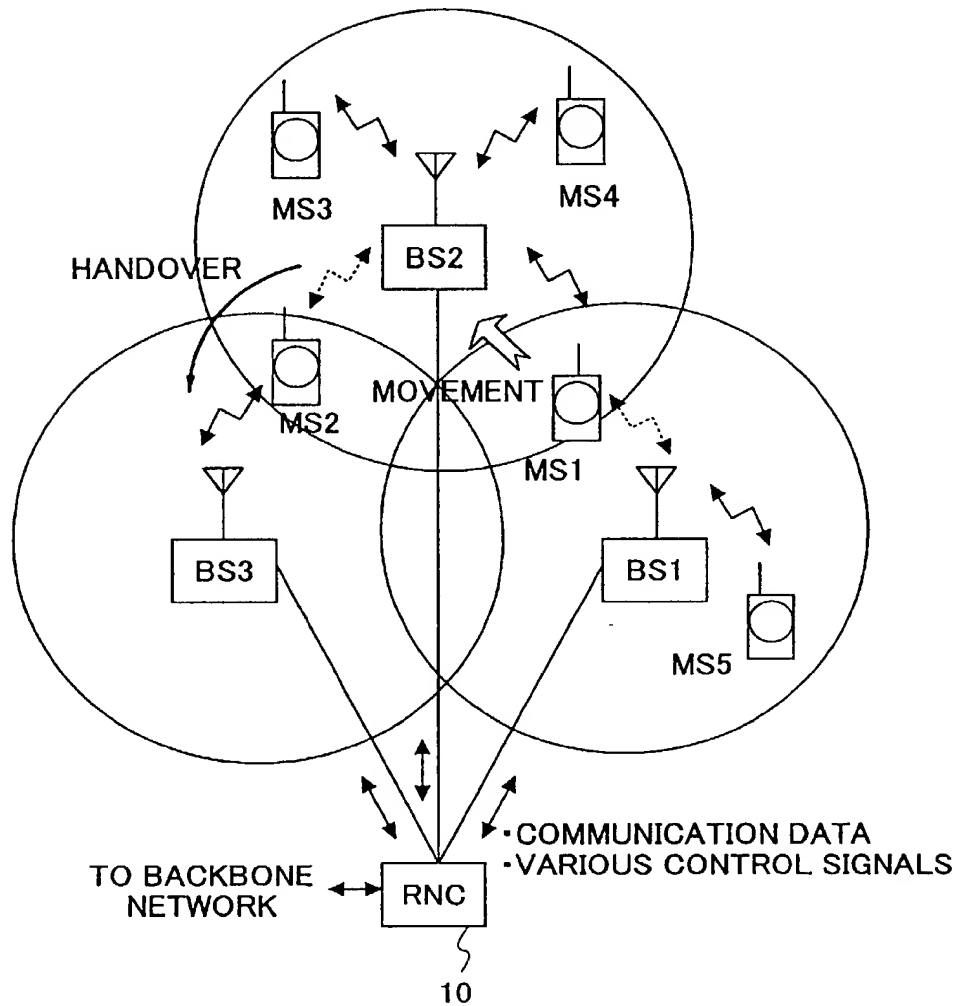


FIG.10

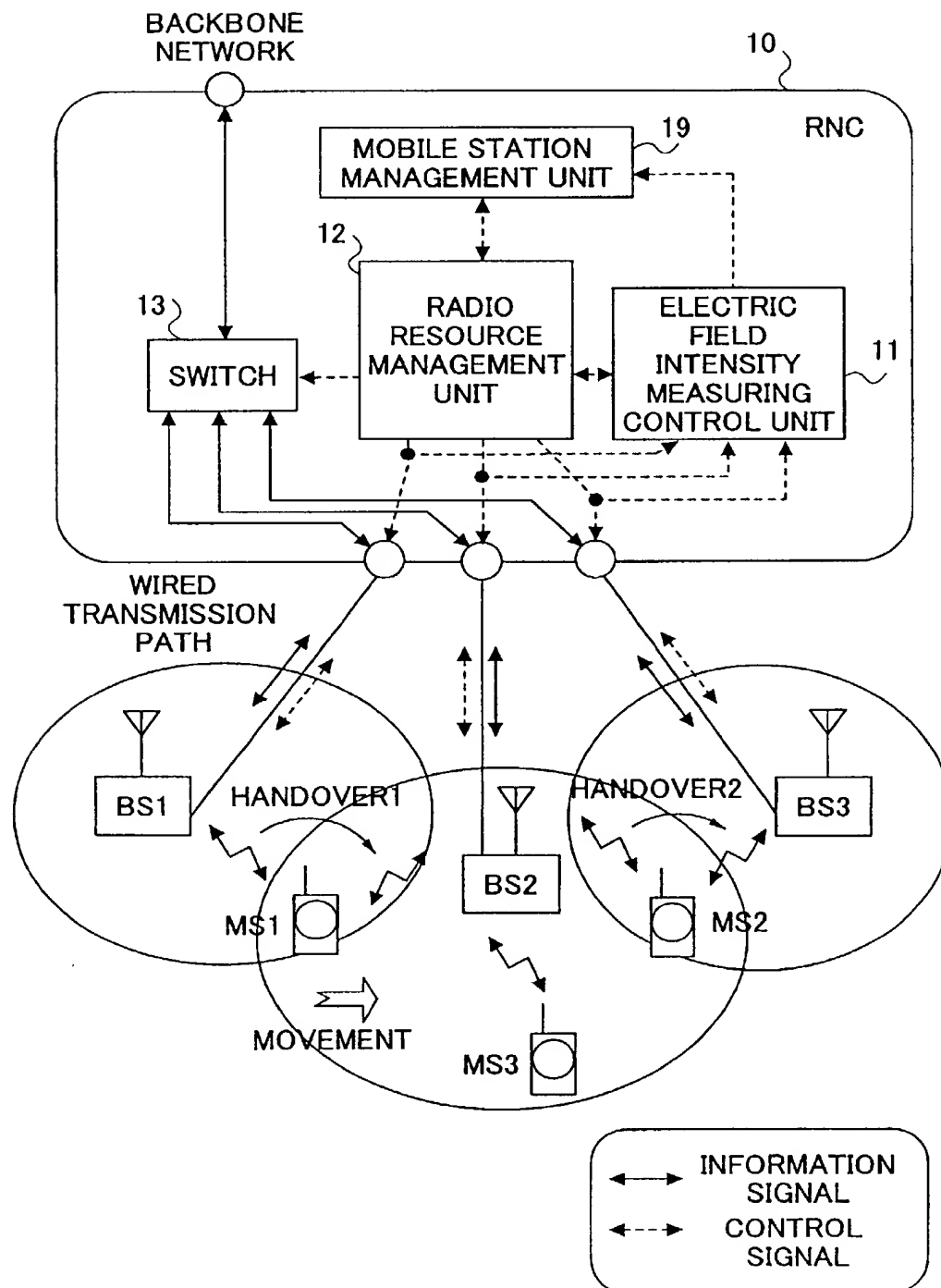
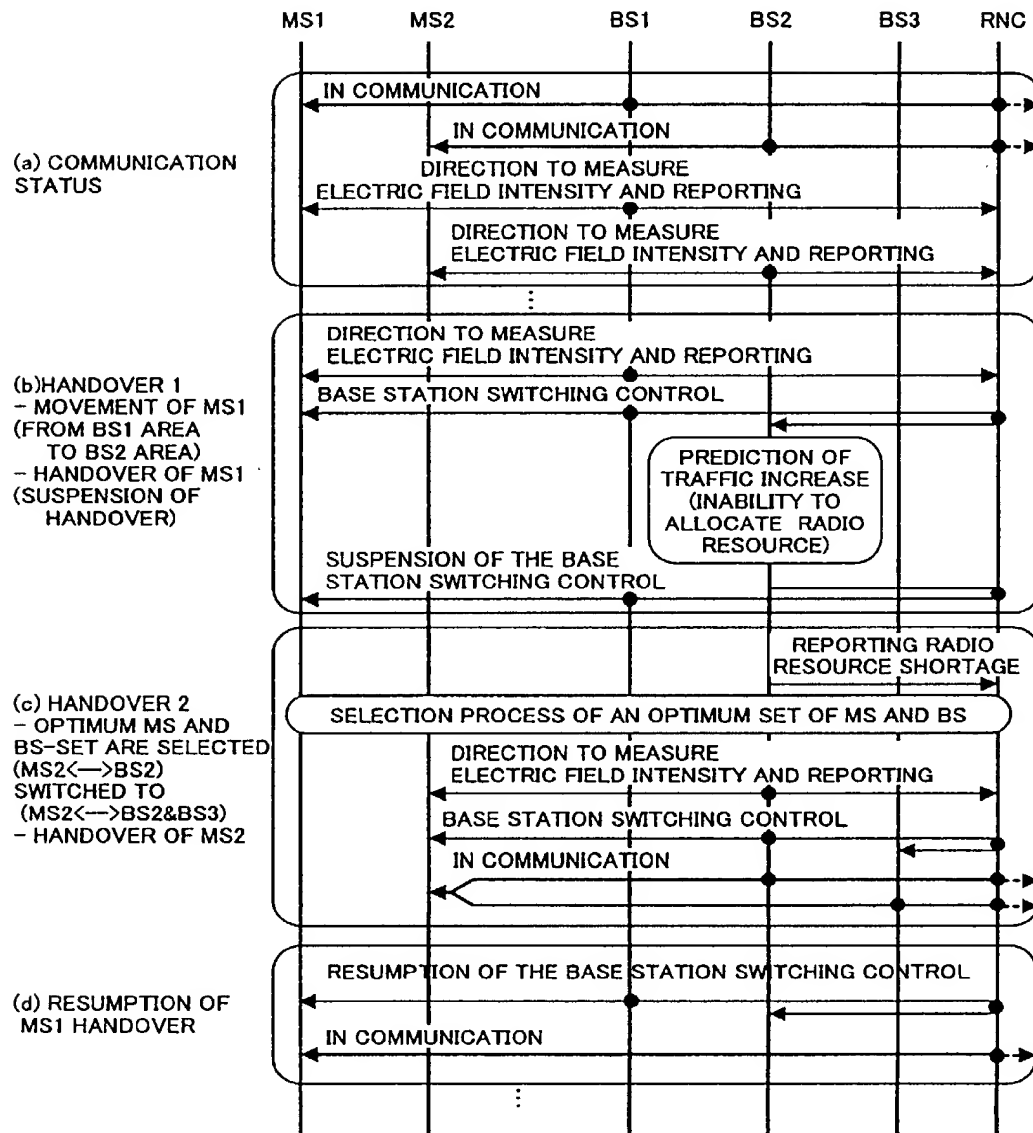


FIG. 11



OPTIMUM
MS&BS-SET
SELECTION
PROCESS 1



FIG. 14

RADIO RESOURCE USAGE RATIO (%)		0	10	20	30	40	50	60	70	80	90	100
EVALUATION POINT	MOBILE STATION				FOUR POINTS			THREE POINTS	TWO POINTS	ONE POINT	ZERO POINT	
	RADIO BASE STATION	COMMUNICATING COUNTERPART	FOUR POINTS		THREE POINTS		TWO POINTS		ONE POINT		ZERO POINT	
		ADJACENT STATION	FOUR POINTS		THREE POINTS		TWO POINTS		ONE POINT		ZERO POINT	

FIG.15

	ONE RADIO BASE STATION		TWO RADIO BASE STATIONS		THREE RADIO BASE STATIONS	
	OWN STATION	ADJACENT STATION	INCLUDING OWN STATION	ADJACENT STATION ONLY	INCLUDING OWN STATION	ADJACENT STATION ONLY
EVALUATION POINT	5 POINTS	4 POINTS	3 POINTS	2 POINTS	1 POINT	0 POINT

FIG.16

	COMMUNICATION WITH ONE BS					COMMUNI- CATION WITH 2 BSs	COMMUNI- CATION WITH 3 BSs
	COMMUNI- CATING COUNTER PART	ADJACENT STATIONS					
		BS2	BS1	BS3	BS4		
MS1	$y_{21} + \varepsilon D$	$y_{11} + \varepsilon D$	...	...		z	....
MS2	$y_{22} + \varepsilon D$	$y_{12} + \varepsilon D$	...	...		...	....
MS3	$y_{23} + \varepsilon D$	$y_{13} + \varepsilon D$	...	...		...	....
MS4	$y_{24} + \varepsilon D$	$y_{14} + \varepsilon D$	...	...		...	....
⋮							

FIG.17

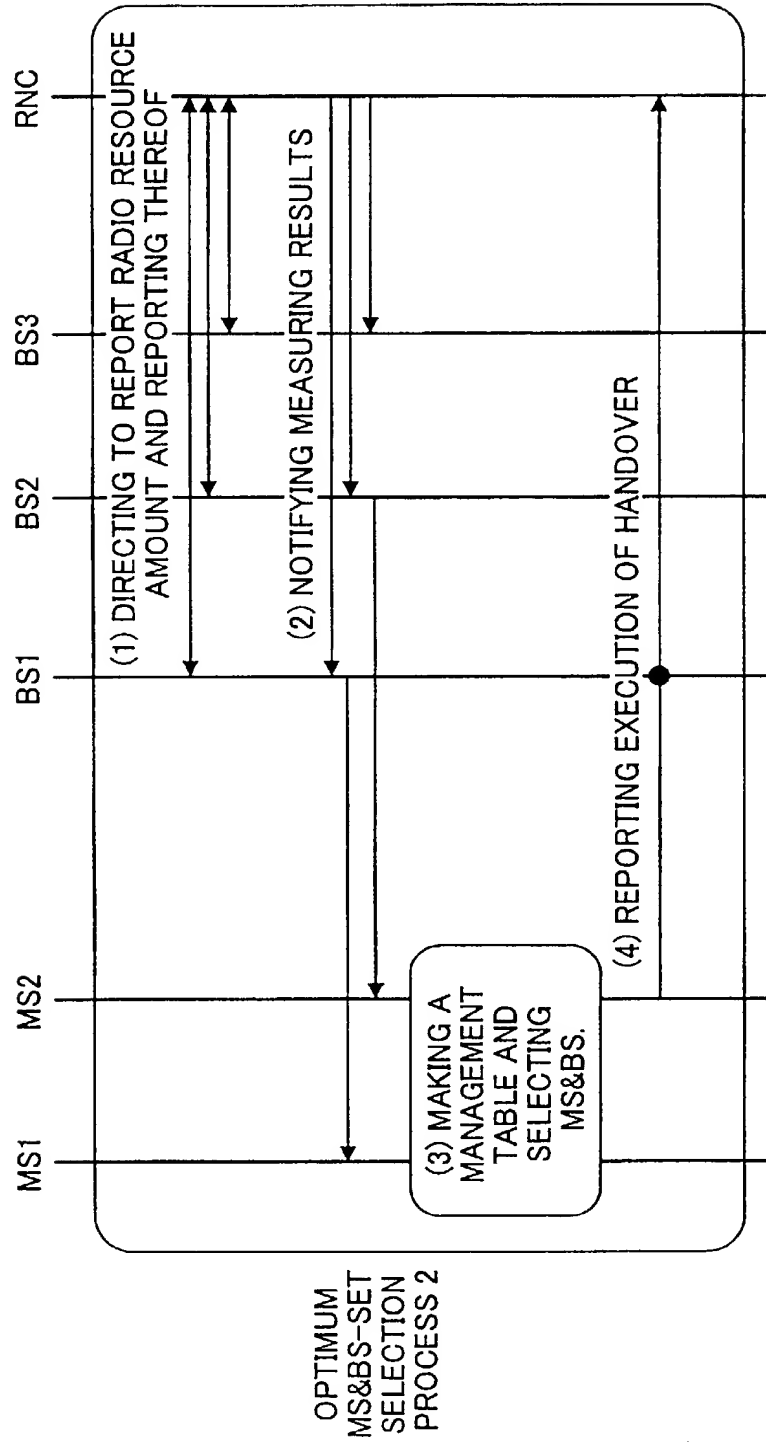


FIG.18

R_u = AMOUNT OF RADIO RESOURCE NEWLY NEEDED BY MS1
 R_1 = AVAILABLE RADIO RESOURCE AMOUNT OF BS1 (INCLUDING THE RADIO RESOURCE OCCUPIED BY MS1 INITIALLY)
 R_2 = AVAILABLE RADIO RESOURCE OF BS2
 R_3 = AVAILABLE RADIO RESOURCE OF BS3

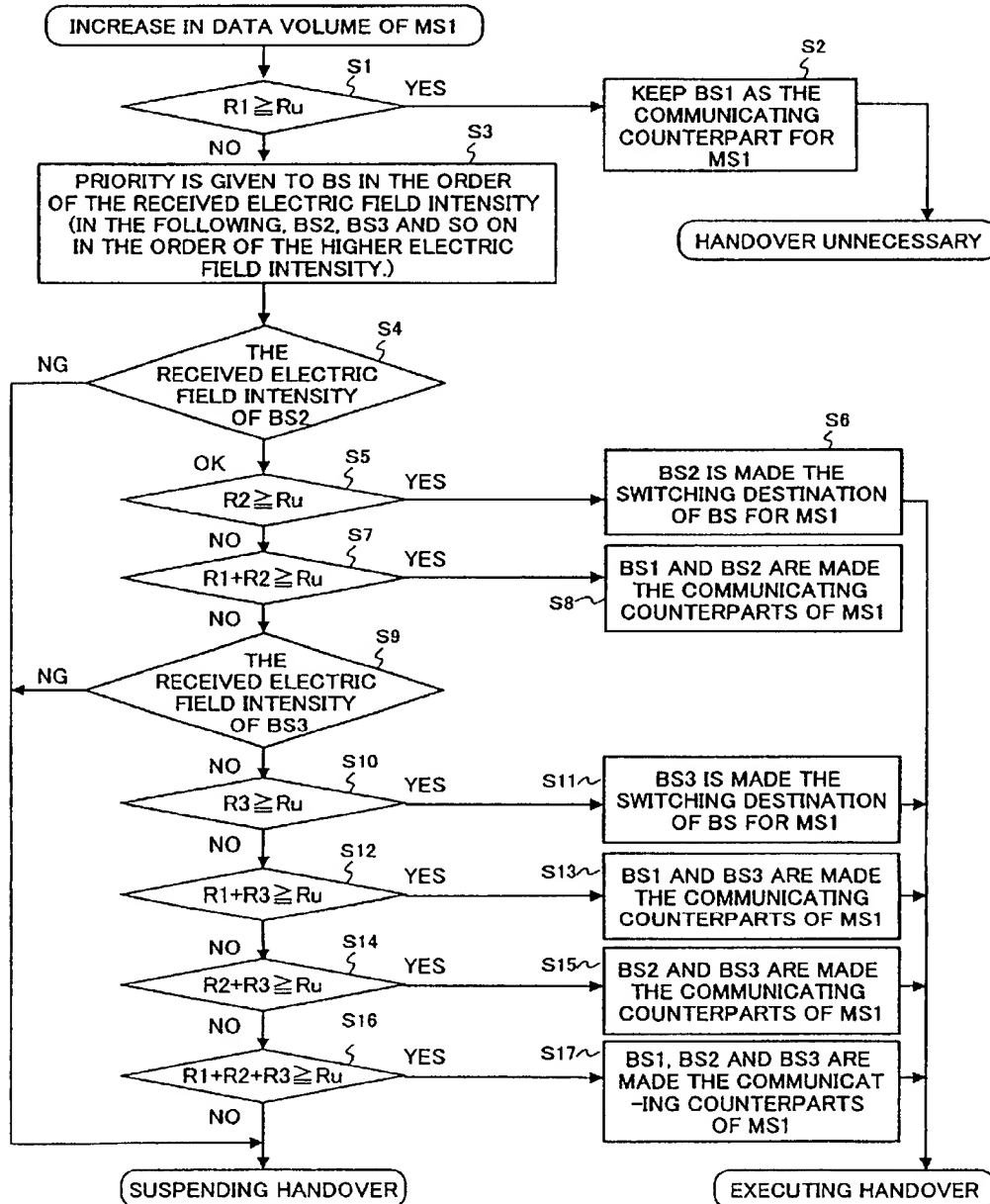


FIG. 19

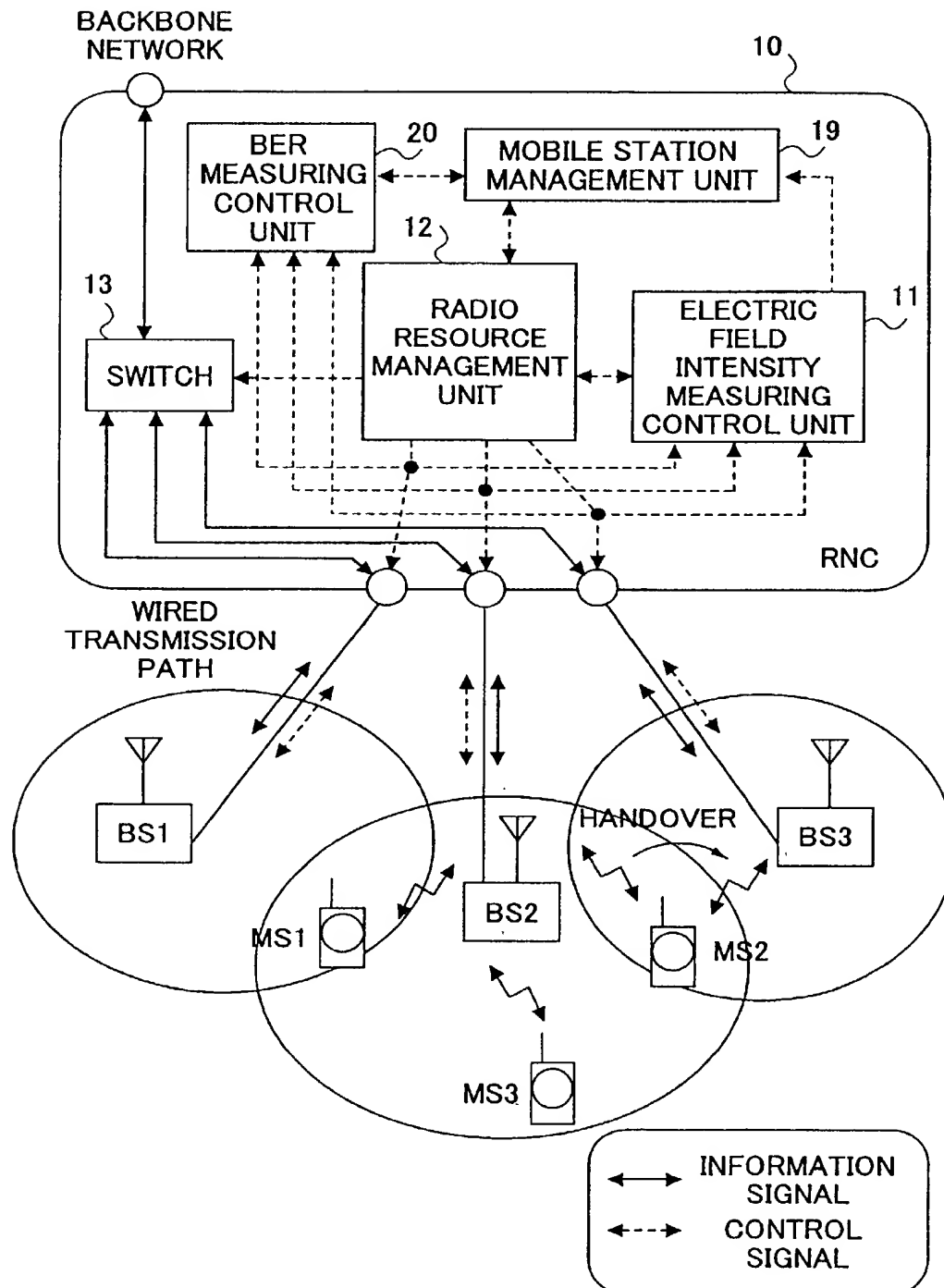


FIG. 20

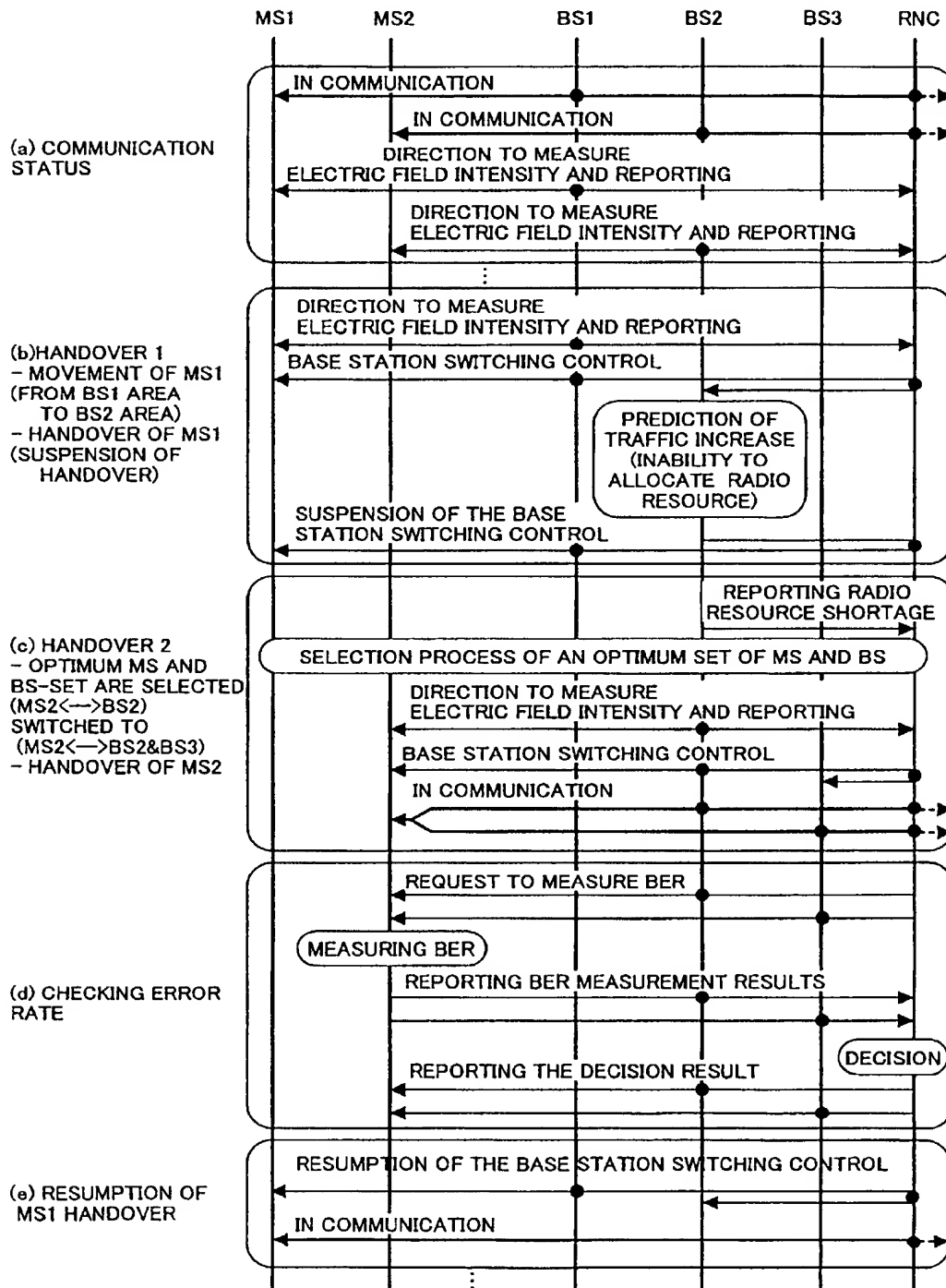


FIG.21

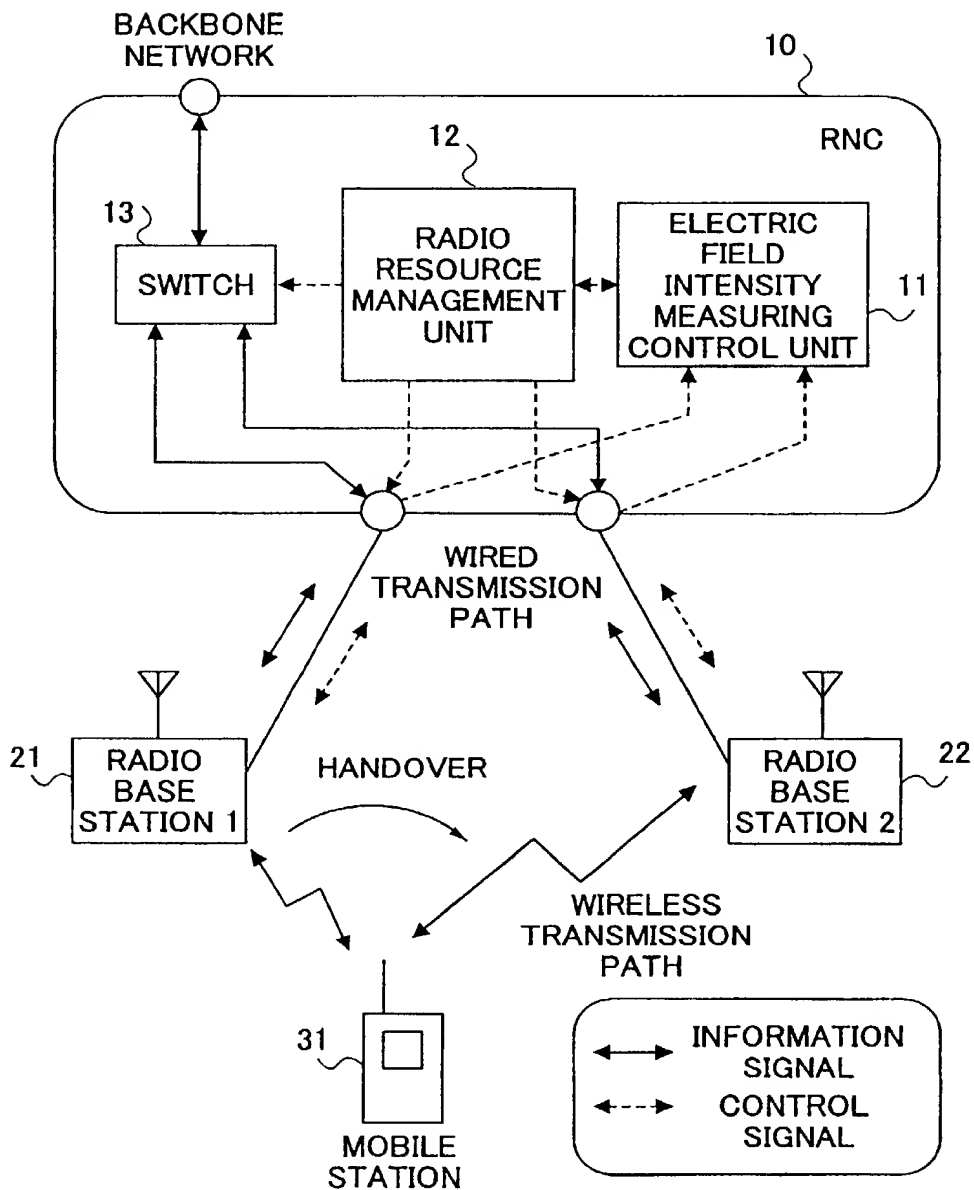


FIG.22

